

**Product Description:**

**Restorite Cal** base/liner is a calcium hydroxide based one component, rigid setting, light cured, radio-opaque material recommended for use in direct/indirect pulp capping and protective layer under restorative materials. Material flows readily on moist dentin. It has low water solubility compared to conventional two component calcium hydroxides. Composition: Calcium hydroxide, UDMA resin, photo initiators, stabilizer & fillers.

**Indications:**

**Restorite Cal** is indicated for use in direct/indirect pulp capping and protective layer under restorative materials

**Contra Indications:**

For patient who have a history of allergic reaction to methacrylate resins.

**Precautions:**

Avoid exposure to skin, oral soft tissue and eyes. If accidental exposure to skin wash with water, if accidental exposure to eye seek medical advice immediately. It is advised to wear protective eye wear. After extruding required material close cap immediately. Do not mix with other material while using. Avoid contamination of nozzle. Use isolation and rubber dam whenever clinically required. Do not apply on bleeding spots, bleeding should be controlled before applying Restorite Cal. Do not put excessive pressure while applying. Cure every 1 mm of material for 10 seconds with light source offering 1200 mw/sq cm. If thicker application is desired by clinician incremental addition and curing of each addition must be done.

**Procedure:**

1. Direct Pulp Capping
  - a. Under rubber dam isolation, complete cavity preparation outline using high-speed burs under constant water-cooling.
  - b. If caries is present, completely excavate using low-speed and/or hand instrumentation.
  - c. Rinse the cavity and exposure site(s). Heavy bleeding may be controlled with a cotton pellet moistened with sterile saline.
  - d. Gently dry preparation with cotton pellet. Avoid desiccation.
  - e. Dispense Restorite Cal on the parchment paper or clean glass slab. Dispense just before use to avoid light exposure.
  - f. Using the ball-pointed small burnisher spread **Restorite Cal** on exposed pulp and judged dentin which is less than 1mm in thin layer. Do not place bulk mass. Do not place mass thicker than 1mm per layer and cure each layer.
  - g. Do not place **Restorite Cal** on enamel, retentive areas, avoid spreading on cavity walls.
  - h. Place desired adhesive, base or other restoration following manufacturer's instruction.
  - I. At the next appointment, assess the pulp vitality. Pulp vitality and status should be assessed radiographically every three to four months.

2. **Indirect Pulp Capping:** Procedure of use would remain as above, only difference being there would not be any direct pulp to cover.

**NOTE:** If subsequent use of a dentine bonding agent is desired, place **Restorite Cal** only on the deepest (less than 1mm remaining) dentin, leaving the rest of the cavity surface free for bonding.

**Storage & Shelf Life:**

Store away from sunlight in a cool (do not freeze) and dry place. Do not leave the syringe open. Always screw the cap tightly on the syringe after each use. Do not use after expiration date.

**Disposal Conditions:**

To be disposed of based on the prevailing rules of the country in which it is used.

**Presentation:**

Restorite Cal: 2g Syringe x 1  
Application Tips x5



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2g

**Restorite  
Cal**

Light Cured Calcium  
Hydroxide Cavity Base/Liner



To be used by Dentist only. Institutional pack

**MADE IN INDIA**